

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 140 (1998) 417

Author Index

Alexandrov, Y., 299
Anderson, J.L., 59
Antol, I., 261
Arroyo, F.J., 139, 157
Averbakh, A.Z., 13

Tivoroukii, Ti.Z., 15
Barany, S., 43
Bäumler, H., 325
Bellini, T., 103, 157
Belloni, L., 227
Benavente, J., 333
Benaventea, J., 339
Blank, R., 3
Bonincontro, A., 313
Bordi, F., 269
Borkovskaya, Y.B., 139
Briganti, G., 313
Buchhammer, HM., 377

Carnero-Ruiz, C., 295
Carnie, S.L., 59
Carrique, F., 157
Chang, YI., 395
Chauveteau, G., 347
Cirkel, P.A., 151
Codastefano P 269

D'Aprano, A., 119
de las Nieves, F.J., 23, 347
De Luca, F., 321
De Vita, E., 321
Degiorgio, V., 103, 157
Delgado, A.V., 139, 157
Di Biasio, A., 269, 285
Donath, E., 325

Erma	kov,	Y.A.,	13
Erma	Kov,	Y.A.,	

Feldman, Y.,	299
Figueruelo, J.,	91
Furusawa, K.,	217

Gaburjáková, J., 357
Gaburjáková, M., 357
Gargaro, A., 321
Georgieva, R., 325
Giardini, M.E., 157
Gómez, H., 177, 369

Gómez-Mer	rino, A.I., 29	5
González-C	aballero, F.,	139
Grosse, C.,	199	

Heredia, A.,	333
Hianik, T.,	357

Jacobasch, HJ.,		377
Jonsson, G.	, 339	

Kallay, N., 26	1
Keh, H.J., 245	
Knippel, E., 32	25
Koper, G.J.M.,	151
Kovačević, D.,	261
Kozlovich, N.,	299

Leinen, D., 177, 369
Letamendia, L., 279
Lewandowski, H., 261
Liu, Y.C., 245
Llácer, C., 91
Louisor, E., 279
Lunkwitz, K., 377
Lyklema, J., 33

Madai, F., 43
Makhmudova, S.S., 13
Mantegazza, F., 103, 157
Maraviglia, B., 321
Markx, G.H., 209
Maroto, J.A., 23
Martin-Rodriguez, A., 347
Mathur, B.S., 403
McNeil-Watson, F., 53
Miller, J., 53
Minor, M., 33
Mishchuk, N.A., 43, 75
Molina, F., 91
Muth, KH., 3

Narr	es, I	H.D.,	261
Neu,	В.,	325	

Pethig, R., 209		
Pohlmeier, A., 261		
Proske-Gerhards, S.,	3	
Pru-Lestret, E., 279		

Puchol, A.,	91
Puertas, A.,	23
Puzenko, A.,	299

Ramos-Barrado, J.R., 177, 333, 369
Raza, G.H., 321
Řehaček, V., 357
Ribitsch, V., 127
Romero-Cano, M.S., 347
Rouch, J., 279
Rousselet, J., 209
Rubio-Hernández, F.J., 295
Ruiz-Reina, E., 295

Schwarz, S., 377
Sciortino, F., 269, 279
Sesta, B., 119
Shilov, V., 385
Shilov, V.N., 139, 199, 325
Shramko, O., 385
Simonova, T., 385
Sivák, B., 357
Solomentsev, Y., 59
Stam, D.D.P.W., 151
Stana-Kleinschek, K., 127
Staude, E., 3

Tarovsky, A.A	., 43	
Tartaglia, P.,	269,	279
Tscharnuter, \	W., 5	3
Tvarožek, V.,	357	

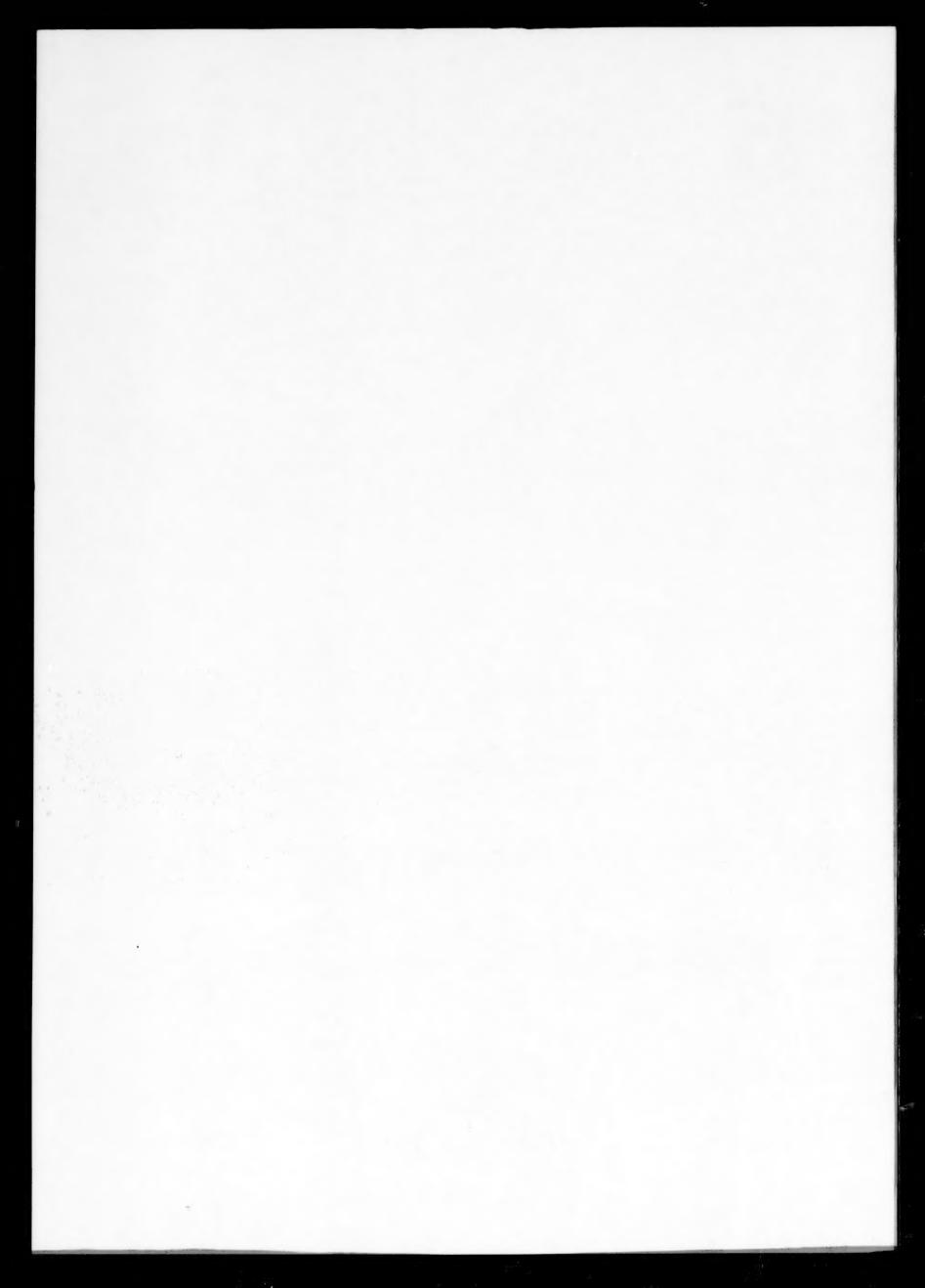
Uchiyama,	K.,	217
Ushiki, H.,	279	

van de Ven, T.G.M.,	183
Velásquez, P., 177,	369
Velegol, D., 59	
Venkataramani, B.,	403
Vila, A.O., 91	

Wang, Y	F., 395
	ki, P., 183
Wu, X., 1	83

Yaroshchuk, A.E., 169

Ziegler, W., 357



Colloids and Surfaces
A: Physicochemical and Engineering Aspects 140 (1998) 419–420

COLLOIDS AND SURFACES

A

Subject Index

Activated carbon, 43
Adsorption, 261
Adsorption of inorganic cations, 13
Adsorption potential, 127
Agar support, 357
Alkylcryptands, 119
Alpha dispersion, 325
Aromatic polyamides, 3

Bilayer lipid membranes, 13, 357 Biomembrane-ionic compounds interaction, 91 Biosensor, 357 Boundary, 13

Capacitance, 357 Cellulose fibers, 127 Chalcopyrite, 177 Chalcopyrite CuFeS₂, 369 Charge density, 127 Chemical circuits, 169 Chemical purification, 127 Co-field rotation, 199 Coagulation rate constant, 23 Colloidal aggregation, 23 Colloids, 227 Complex liquids, 269 Concentrated colloidal suspensions, 139 Concentration polarization, 43, 75 Conductance, 357 Cryptands, 119 Crystallinity, 403 CuFeS₂, 177 Cuticle, 333 Cuticular membrane, 333 Cutin, 333

Diaphragms, 169 Dielectric dispersion, 157 Dielectric polarization, 299 Dielectric spectroscopy, 313, 325 Dielectrophoresis, 209 Disordered systems, 269, 285 Double layer, 183 Dynamics, 151

Effective charge, 227 Elastic adhesion, 395 Electric Birefringence, 103, 157 Electro-osmosis of the second kind, 75 Electro-osmotic slip, 199 Electrochemical Impedance Spectroscopy (EIS), 177 Electrochemistry, 369 Electrode, 177 Electrokinetic characterization, 347 Electrokinetic lift, 183 Electrokinetic Phenomena, 103, 169 Electrokinetic properties, 127 Electrokinetics, 33, 261 Electrooptic birefringence, 151 Electroosmosis, 217 Electrophoresis, 53, 325 Electrophoretic mobility, 217 Electrophoretic mobility coefficients, 59 Electrophoretic rotation, 59 Electrorotation, 199, 325 Electroviscous effect, 295 Elongated teflon particles, 157 Entangled polymers, 321 Equilibrium polymers, 151 Erythrocytes, 209

Field-flow fractionation, 209 Filtration, 169 Flocculation, 377 Fluctuation dipole moment, 299

Graphite, 43

Hematite, 261 Homocoagulation, 23 Hydroxypropylcellulose, 217 Imaging, 321
Impedance, 339
Impedance spectroscopy, 333
Induced space charge, 43, 75
Interparticle forces, 385
Ionic carriers, 119
Ionic condensation, 227
Ionic flux, 119
Ionic microemulsion, 299

Kerr Effect, 103

Laminar flow, 75
Latex, 33, 183, 209
Lecithin, 119
Leucocytes, 395
Levitation, 209
Light scattering, 53
Linear and nonlinear polarization of double layer, 385
Lipid bilayers, 119
Liposomes, 91
Liposomes and planar membranes (BLM), 13
Living networks, 151
Low-frequency dielectric dispersion, 139
Low frequency dispersion, 199

Magnetite substituted with nickel, cobalt and chromium, 403
Measurements, 339
Membrane potential, 339
Mesoscopic solution, 313
Modified polysulfone, 3
Monoolein, 119

Nonequilibrium, 183 Nonionic surfactant adsorption, 347

Oxidation-reduction reactions, 43

Particle interactions, 59
Particles, 183
Phase analysis, 53
Phenomological coefficients, 339
Plug, 33
Point of zero charge, 403

Polyelectrolyte adsorption, 377 Polyelectrolyte particles, 245 Polyelectrolytes, 103 Polymer colloids, 347 Polystyrene, 33, 295 Porous membrane, 339 Porous membranes, 3 Porous spheres, 245

Red blood cells, 325 Relaxation, 269, 285

Salicylic acid, 261
Sedimentation potential, 245
Sedimentation velocity, 245
Slip process, 33
Slow dynamics, 321
Stagnant layer, 33
Streaming potential, 3, 127
Superfast electroosmosis and electrophoresis, 43
Surface and dipole potentials, 13
Surface area, 403
Surface charge, 403
Surface conductance, 295
Surface conduction, 33
Suspension in electric field, 385

Thin-film micro-systems, 357 Turbidimetric measurements, 23 Turbulent flow, 75 Two sphere electrophoresis, 59

Viscosity, 357 Voltammetry, 369 Volume and Surface diffusion mechanisms, 139

Water sorption, 403 Wormlike micelles, 151

XPS, 369

Young's modulus, 357

Zeta-potential, 91 Zeta potential, 157, 217, 325, 339, 377

